

barrier.

3. (Amended twice) The material according to claim 1, wherein the polymer is polyethylene naphthalate (PEN).

4. (Amended twice) The material according to claim 1, wherein the polymer is polytrimethylene naphthalate (PTN).

5. (Amended twice) The material according to claim 2, wherein the LCP comprises hydroxy benzoic acid and hydroxy naphthenic acid.

10. (Amended twice) A method of packaging a nicotine containing product comprising the step of providing a polymer material for a mould or an equivalent to cast the nicotine containing product into its final shape upon solidification in the package, wherein the polymer material is based upon dimethyl-2,6 naphthalene dicarboxylate or 2,6-naphthalene dicarboxylic acid monomers, and wherein said polymer comprises a nicotine and oxygen barrier.

14. (Amended) A material for packaging a nicotine-containing product, comprising a polymer based on a combination of dimethyl-2,6 naphthalene dicarboxylate and 2,6-naphthalene dicarboxylic acid monomers, wherein said polymer comprises a nicotine and oxygen barrier.

23. (Amended) A method of packaging a nicotine containing product comprising the step of enclosing totally the product with a polymer material, wherein the polymer material is a material based on dimethyl-2,6 naphthalene dicarboxylate or 2,6-naphthalene dicarboxylic acid monomers, and wherein said polymer comprises a nicotine and oxygen barrier.

24. (Amended) The method according to claim 23, wherein the polymer is polyethylene naphthalate (PEN), polytrimethylene naphthalate (PTN) or a liquid crystal polymer (LCP).

29. (Amended) A method of packaging a nicotine containing product comprising the step of enclosing partially the product with a polymer material, wherein the polymer material is a material based on dimethyl-2,6 naphthalene dicarboxylate or 2,6-naphthalene dicarboxylic

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acid monomers, and wherein said polymer comprises a nicotine and oxygen barrier.

30. (Amended) The method according to claim 29, wherein the polymer is polyethylene naphthalate (PEN), polytrimethylene naphthalate (PTN) or a liquid crystal polymer (LCP).

32. (Amended) A method of packaging a nicotine containing product comprising the step of sealing the product with a polymer material, wherein the polymer material is a material based on dimethyl-2,6 naphthalene dicarboxylate or 2,6-naphthalene dicarboxylic acid monomers, and wherein said polymer comprises a nicotine and oxygen barrier.

33. (Amended) The method according to claim 32, wherein the polymer is polyethylene naphthalate (PEN), polytrimethylene naphthalate (PTN) or a liquid crystal polymer (LCP).